

**cribing Information Presentation:** White, capsule-shaped tablets embossed MODALIM on one side with a breakline on the other, each containing 100mg ciprofibrate. **Uses:** For the treatment of primary hyperlipidaemia resistant to appropriate dietary management, including percholesterolaemia, hypertriglyceridaemia and combined hyperlipidaemia. In the Fredrickson classification, this includes types IIa, IIb, III and IV. **Dosage: Adults:** Initially one tablet (100mg ciprofibrate) per day is recommended with subsequent adjustment according to therapeutic response. The maximum dose should not exceed 2 tablets (200mg ciprofibrate) per day which may be taken as a single dose. **Elderly patients:** As for adults but see precautions and warnings. **Use in impaired renal function:** In moderate renal impairment it is recommended that dosage be reduced to one tablet every other day. Patients should be carefully monitored. MODALIM should not be used in severe renal impairment. **Use in children:** Not recommended since safety and efficacy in children have not been established. **Contra-indications:** Severe hepatic impairment, severe renal impairment, pregnancy and lactation. **Use in pregnancy and lactation:** There is no evidence that ciprofibrate is teratogenic, but there were signs of toxicity at high doses in teratogenicity tests in animals, and ciprofibrate is known to be excreted in breast milk in rats. In the absence of data on its use in human pregnancy or lactation, MODALIM is contraindicated during pregnancy and in nursing mothers. **Precautions:** Use with caution in patients with impaired renal or hepatic function. Abnormal liver function tests have been observed occasionally. Periodic liver function tests are recommended. MODALIM treatment should be halted if liver enzyme abnormalities persist. If, after several months therapy, serum lipid concentrations are not satisfactorily controlled, additional or different therapeutic measures should be considered. **Interactions:** Ciprofibrate is highly protein bound and therefore likely to displace other drugs from plasma protein binding sites. MODALIM has been shown to potentiate the effect of warfarin indicating that concomitant oral anticoagulant therapy should be given at reduced dosage and adjusted according to prothrombin time. Although there are no specific data, it is likely that ciprofibrate will also potentiate the action of oral hypoglycaemic agents and its action may be affected by oral contraceptives. There is evidence that the concomitant use of fibric acid derivatives with HMG CoA reductase inhibitors may predispose patients to myopathy. **Side effects:** There have been occasional reports of headache, vertigo, rashes and gastrointestinal symptoms including nausea, vomiting, diarrhoea and dyspepsia. Generally these side effects were mild to moderate in nature and occurred early on, becoming less frequent as treatment progressed. As with other drugs of this class, low incidence of myalgia, impotence and hair loss has been reported. Dizziness, drowsiness or tiredness have only rarely been reported in association with MODALIM. It is therefore unlikely to affect ability to drive or to use machinery. **Preparation:** 1/94. **References:** 1. Assmann G & Schulte H. *Am J Cardiol* 1992; 70 (7): 3-737. 2. Farnier M *et al. J Drug Dev* 1999; 5 (1): 13-21. Further information is available on request from: Sanofi Winthrop Limited, One Onslow Street, Guildford, Surrey GU1 4YS.



**RAISING THE LEVEL OF PROTECTION...**

**...LOWERING THE LEVELS OF RISK**

Successful treatment of dyslipidaemia calls for a lipid modifier that is effective against more than just total cholesterol – because heart disease risk depends upon a combination of different factors including the balance of LDL-cholesterol, HDL-cholesterol and triglycerides.<sup>1</sup>

**MODALIM, a third generation fibrate,** significantly modifies the lipid profile and produces a significant fall in total cholesterol.<sup>2</sup> So you can effectively treat a broad range of dyslipidaemic patients.

**ONCE-DAILY**

**MODALIM<sup>®</sup>**

**ciprofibrate**

**LIPID FRACTION IMPROVEMENT. TOTAL CHOLESTEROL CONTROL**

# Statistically speaking, you're better off with a BMJ book..

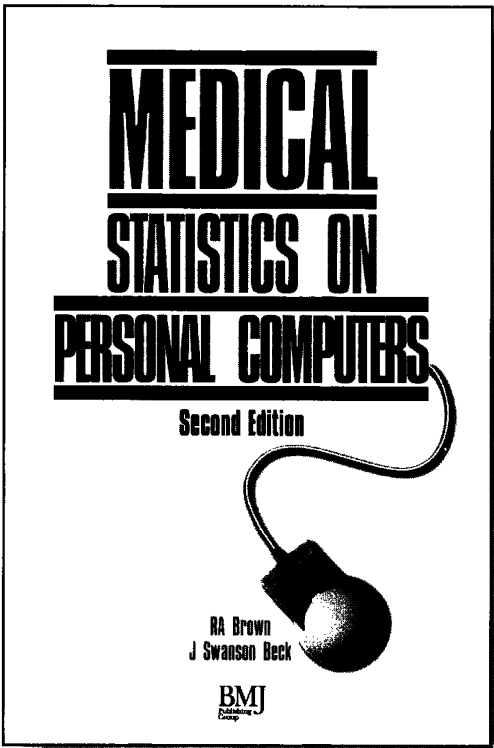
## NEW REVISED EDITION

### Medical Statistics on Personal Computers

*R A Brown, J Swanson Beck*

How do you get the best out of the software available for analysing statistical data on PC's? This practical guide has been completely revised and updated and includes new chapters on survival analysis, statistical power calculations, writing up statistical analyses for medical papers, and useful notes on packages available.

**UK £10.95; Overseas £13.00**  
**(BMA members £9.95; £12.00)**  
160 pages Second edition April 1994



### Statistics in Practice

*Sheila M Gore, Douglas G Altman*

This authoritative book clearly and simply explains how to design studies, apply statistical techniques, and interpret studies using statistics.

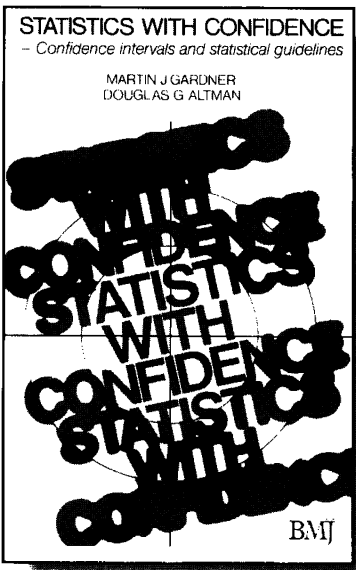
**UK £9.95; Overseas £11.00**  
**(BMA members £7.95; £10.00)** 107 pages 1982

### Statistics at Square One

*T D V Swinscow*

The classic "beginner's guide", providing step by step instruction on the tools of the statistician such as: standard deviation,  $\chi^2$  tests, non-parametric tests, and correlation.

**UK £4.95; Overseas £6.00**  
**(BMA members £4.45; £5.50)**  
94 pages Eighth edition 1983



### Statistics with Confidence

*Martin J Gardner, Douglas G Altman*

For everyone using statistical methods to present their findings, this book gives the reasons for using confidence intervals, followed by detailed methods of calculation, including numerous worked examples and specially compiled tables.

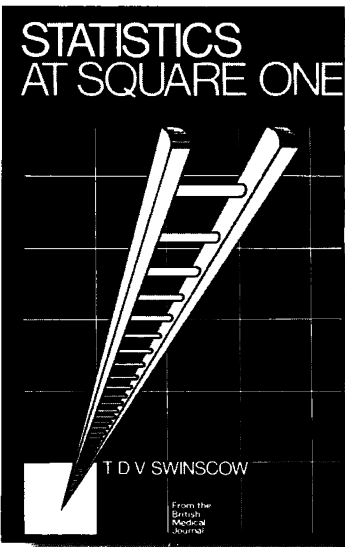
**UK £9.95; Overseas £11.00 (BMA members £8.95; £10.00)**  
156 pages 1989

### Confidence Interval Analysis (CIA)

*Martin J Gardner, Stephen B Gardner, Paul D Winter*

This microcomputer disk with manual takes the sweat out of calculating confidence intervals. The program can be used alone or with *Statistics with Confidence*. Software is available for IBM compatibles on either 5 1/4 or a 3 1/2 inch disk.

**UK £65.00** Educational establishments, research institutes, and the NHS: **£45.95 (inc. VAT)** 82 pages 1989



## ORDER FORM BMJ Publishing Group, PO Box 295, London WC1H 9TE (Tel: 071 383 6185/6245)

Qty	Book Title	Amount

Prices include postage by air abroad ☐ Please send me a BMJ Publishing Group catalogue Total £

Name

Address Postcode

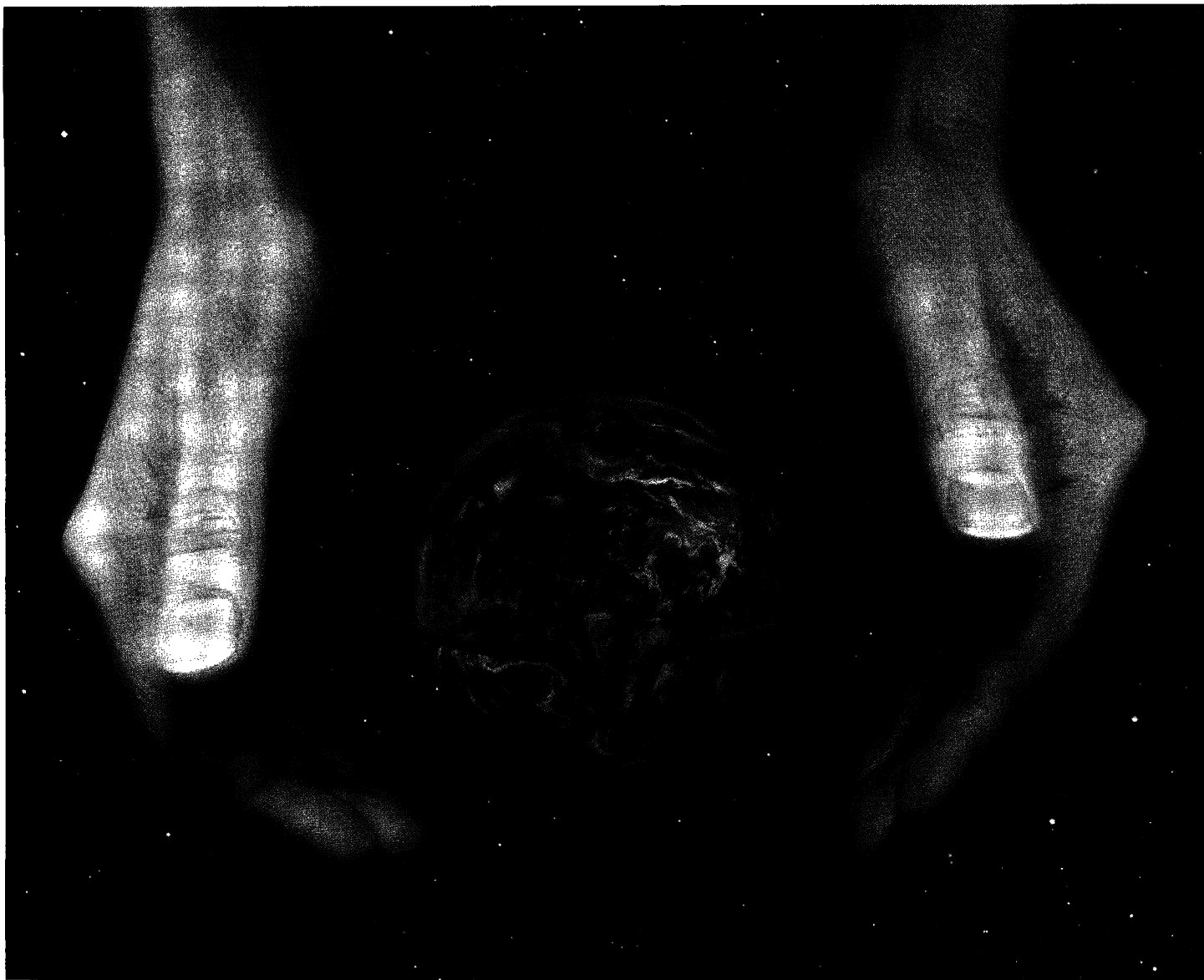
Cheque enclosed (made payable to British Medical Journal) £ Membership No.

Debit my AMERICAN EXPRESS/VISA/MASTERCARD Expiry Date

Card No. Signature

BMJ Books are also available from major booksellers or the BMJ bookshop in BMA House. Book tokens accepted.

**BMJ**  
Publishing  
Group



## KEEPING CARDIOVASCULAR PROTECTION IN GOOD HANDS

'Innovace' offers protection against hypertension through the control of blood pressure over 24 hours from a single daily dose.<sup>1</sup>

'Innovace' has been proven to protect patients with LV dysfunction from heart attacks and heart failure.<sup>2-4</sup>

In symptomatic heart failure, 'Innovace'

has been shown to reduce severity and improve survival at all stages of the disease and to reduce hospitalisations.

Since the launch in January 1985, 'Innovace' has afforded benefits to over 10 million cardiovascular patients throughout the world.<sup>5</sup>

Shouldn't it be protecting your patients too?

Ⓜ Reviewed April 1994

### BRIDGED PRODUCT INFORMATION Refer to Data sheet before prescribing.

**INDICATIONS** *Hypertension:* All grades of essential hypertension and renovascular hypertension. *Heart failure:* Treatment of symptomatic heart failure, including reduction of mortality and retardation of progression; prevention of development of symptomatic heart failure and coronary ischaemic events.

**DOSE AND ADMINISTRATION** *Hypertension:* Initially, 5 mg once daily, reduce starting dose to 2.5 mg if over 65 years, on diuretics or renally impaired. Adjust dose according to response; maintenance usually 10-20 mg once daily. Maximum dose 40 mg daily. Diuretic-treated patients – if possible stop diuretic two to three days before starting 'Innovace'. Resume diuretic later if required. *Heart failure (adjunctive therapy):* Initially, 2.5 mg daily under medical supervision (hospital initiation for severe heart failure; hospital initiation for high-risk patients is recommended), increasing to the usual maintenance dose of 20 mg daily according to tolerability. This dosage schedule has been shown to improve survival. *Impaired renal function:* May require a lower maintenance dose. 'Innovace' is dialysable.

**CONTRA-INDICATIONS** Pregnancy – stop therapy if suspected. Hypersensitivity to 'Innovace'. Patients reacting with angioneurotic oedema to previous ACE-inhibitor treatment.

**PRECAUTIONS** Assess renal function prior to therapy with 'Innovace' during therapy where appropriate. Renal insufficiency: possibility of

## INNOVACE®

(enalapril maleate, MSD)

hypotension especially in ischaemic heart disease or cerebrovascular disease or in volume-depleted patients; surgery/anaesthesia. Combination with antihypertensives may increase hypotensive effect. In some patients with bilateral renal artery stenosis increased blood urea and creatinine has been seen, especially in patients treated with diuretics and/or those with renal insufficiency. Minimises thiazide-induced hypokalaemia and hyperuricaemia. Potassium supplements, potassium-sparing diuretics, and potassium-containing salt substitutes are not recommended.

Possible reduced response in Afro-Caribbean patients. Use with caution in breast-feeding mothers. Do not use in aortic stenosis, or outflow tract obstruction. Monitor serum levels of lithium, if lithium salts are given. ACE inhibitors should be avoided in patients dialysed with high-flux membranes.

**SIDE EFFECTS** Side effects include: dizziness, headache. Others include fatigue, asthenia, hypotension, orthostatic hypotension, syncope, nausea, diarrhoea, muscle cramps, rash, cough. Less commonly, angioneurotic oedema, other hypersensitivity reactions, renal failure; symptomatic hypotension (especially if volume-depleted); severe hypotension (more

likely if severe heart failure); hyperkalaemia; hyponatraemia, increases in liver enzymes and serum bilirubin (usually reversible on discontinuation of 'Innovace'); paraesthesiae; impotence. A complex of symptoms has been reported which may include fever, serositis, vasculitis, myalgia, arthralgia/arthritis, a positive ANA, elevated ESR, eosinophilia and leucocytosis. Rash, photosensitivity or other dermatological manifestation may occur.

**BASIC NHS COST** Titration Pack (2.5 mg tablets x 11, 5 mg tablets x 14) £6.12 for 14-day calendar pack. 2.5 mg tablets, £10.00 for bottles of 50. 10 mg tablets, £7.86 for 28-day calendar pack; £14.03 for bottles of 50. 10 mg tablets, £11.03 for 28-day calendar pack; £19.69 for bottles of 50. 20 mg tablets, £13.10 for 28-day calendar pack; £23.40 for bottles of 50.

**Product licence numbers:** 2.5 mg tablets, 0025/0220; 5 mg tablets 0025/0194; 10 mg tablets, 0025/0195; 20 mg tablets, 0025/0196. Issued April 1994.

Ⓜ denotes registered trademark of Merck & Co., Inc., Whitehouse Station, NJ, USA.

© Merck Sharp & Dohme Limited 1994. All rights reserved.

**References:** 1. Jones, R. L., et al., *Amer. J. Cardiol.*, 1985, 55, 153. 2. Yusuf, S., et al., *Lancet*, 1992, 340, 1173. 3. The SOLVD Investigator Group, *New Engl. J. Med.*, 1992, 327, 685. 4. The CONSENSUS Trial Study Group, *New Engl. J. Med.*, 1987, 316, 1429. 5. Data on file, Merck Sharp & Dohme Limited.





# Before angina strikes

The nitrate selected for ISIS-4

ONCE DAILY  
**1 IMDUR** 60mg

Isosorbide Mononitrate in Durules®

**Abridged Prescribing Information.** **Presentation:** Yellow film coated tablet, containing 60mg isosorbide mononitrate in an extended release formulation. **Uses:** Prophylactic treatment of angina pectoris. **Dosage and Administration:** *Adults:* One tablet (60mg) once daily given in the morning. The dose may be increased to two tablets (120mg) daily, the whole dose to be given together. The dose can be titrated to minimise the possibility of headache, by initiating treatment with half a tablet (30mg), for the first two to four days. IMDUR® tablets should not be chewed or crushed. They must be swallowed whole with half a glass of fluid. *Children:* Safety and efficacy not established. *Elderly:* No routine dosage adjustment, but take special care in those with increased susceptibility to hypotension or marked hepatic or renal insufficiency. **Contra-indications:** Severe cerebrovascular insufficiency or hypotension are relative contra-indications.

**Precautions:** IMDUR® is not indicated for relief of acute anginal attacks. The safety and efficacy during pregnancy or lactation has not been established. A plastic core of the tablet passes unchanged through the bowel may be visible in the stool. As with any controlled release preparation absorption may be incomplete or unpredictable in patients with abnormal bowel motility. **Side-effects:** Headache may occur initially usually disappearing after 1-2 weeks of treatment. Occasionally hypotension with symptoms such as dizziness and nausea. **Legal Category:** POM. **Packs and Prices:** IMDUR® (Durules® 60mg) packs of 28 tablets £11.43; 98 tablets £38.98. **Product Licence Number:** PL0017/0226. Full prescribing information is available from the Product Licence holder: Astra Pharmaceuticals Ltd., Home Park, Kings Langley, Hertfordshire WD4 8DH.

IMD 953

Date of preparation: January 1994

**ASTRA**  
— Astra Pharmaceuticals —

Astra Pharmaceuticals Ltd., Home Park, Kings Langley, Herts WD4 8DH. Telephone: 0923 266191.